

DOCUMENT RESUME

ED 461 490

SE 060 882

AUTHOR Richardson, Kathy
TITLE Math Time: The Learning Environment.
ISBN ISBN-1-888117-01-X
PUB DATE 1997-00-00
NOTE 133p.; Related videotape series not available from ERIC.
AVAILABLE FROM Educational Enrichment, Inc., Box 795, P.O. Box 1628
Blanchard, OK 73010 (\$19.95). Tel: 800-292-6022 (Toll Free).
PUB TYPE Guides - Classroom - Teacher (052)
EDRS PRICE Document Not Available from EDRS.
DESCRIPTORS Active Learning; *Classroom Environment; *Classroom
Techniques; *Concept Formation; Elementary Secondary
Education; *Mathematics Instruction; Teaching Methods
IDENTIFIERS *Learning Environment

ABSTRACT

All teachers bring the goals and objectives of their math programs to life as they plan and present activities, establish procedures and expectations, and interact with children. Teachers' beliefs about what children need to know, their knowledge of how children learn, and the classroom environment they create all impact how children experience mathematics. The purpose of this book is to help teachers establish a classroom that is supportive of an active, meaning-based approach to the teaching and learning of mathematics. It also gives the information and support teachers need to create a positive and effective learning environment for their students. This book focuses on how to create the learning environment, concept development, appropriate settings for learning, teaching with understanding, planning for concept development, and putting it into practice. It is suggested that when creating the environment for learning mathematics, the goal should be for all children to develop mathematical concepts in an environment that acknowledges and values each student's efforts to grow and to learn. The following topics are addressed in the appendix, "Putting It into Practice:" Steps for Getting Started; Self-Directed Exploration; A Math Time Routine; The Teacher's Role; What To Do When Problems Arise; and Dealing with Common Problems and Concerns. (Contains 14 references.) (ASK)